

Double Black:
predicted phase noise
from vibration spectra

Single Black: DARM
no-injection reference

Red: Predicted DARM
- from reference
combined with the
predicted phase noise

Blue: DARM - this is
what red is
attempting to predict
from vibration spectra

Parameters that were
adjusted for the model:

- light amplitude to
match DARM
- baffle resonance
structure: Qs and
frequencies to match
DARM temporal
behavior during
shaker sweep; needed
because
accelerometers are
not on the baffle

